



PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

DURATION® ASPHALT SHINGLES



FOR BUILDING APPLICATIONS

Duration® Series Shingles stand out among architectural options thanks to our patented SureNail Technology - a technological breakthrough in shingle design. The shingles consist of fiberglass mat impregnated and coated on both sides with filled asphalt and surfaced on the exposed-to-weather portion with mineral granules. They are self-sealing and serve as the primary weather barrier of a roof. SureNail® is a wide, highly visible engineered fabric strip in the nailing area.

Declared/Functional Unit

1 m², corresponding to the amount of shingles required for 1 m² of constructed area.

						
	Global Warming Potential Embodied Carbon	Ozone Depletion Potential	Smog Formation Potential	Acidification Potential	Eutrophication Potential	Depletion of Abiotic Resources (Fossil Fuels)
	kg CO ₂ eq.	kg CFC 11 eq.	kg O ₃ eq.	kg SO ₂ eq.	kg N eq.	MJ
A1- A3	3.73	6.59 x 10 ⁻⁷	2.22 x 10 ⁻¹	1.62 x 10 ⁻²	1.30 x 10 ⁻³	132
Total A1-A3, C1-C4	3.88	6.61 x 10 ⁻⁷	2.37 x 10 ⁻¹	1.67 x 10 ⁻²	1.34 x 10 ⁻³	134

Validity Period	06/13/2025 – 06/13/2030	
Data Verification	✓ 3 rd Party reviewed Life Cycle Assessment (LCA) ✓ 3 rd party verified Environmental Product Declaration (EPD)	
LCA Software	SimaPro 9.6.0.1	
LCIA Methodology	TRACI 2.1 v1.09; CML I-A baseline v4.7; IPCC (2013, 2021)	
LCI Database	ecoinvent 3.10.0	
Manufacturing Location(s)	Brookville, IN, USA Compton, CA, USA Denver, CO, USA Irving, TX, USA Jacksonville, FL, USA Kearny, NJ, USA	Medina, OH, USA Memphis, TN, USA Minneapolis, MN, USA Portland, OR, USA Savannah, GA, USA Summit, IL, USA

For the full EPD, visit <https://www.owenscorning.com/dms/10027835>

For additional product information, visit <https://www.owenscorning.com/en-us/roofing/duration-series-shingles>

Owens Corning Roofing and Asphalt, LLC
ONE OWENS CORNING PARKWAY
TOLEDO, OH 43659 USA

1-800-GET-PINK®

www.owenscorning.com

* Owens Corning testing against competing products with wide, single-layer nailing zones when following manufacturers' installation instructions and nailing in the middle of the allowable nailing zone.